

AMENDMENTS TO THE SPECIFICATION

Amend the paragraph starting on page 8, line 22 as follows:

One particular recombinant nucleotide sequence of the invention is characterized in that the coding concatenation of nucleotides coding for the maize γ -zein, which it contains has the sequence as defined in SEQ ID NO:6~~shown in figure 9~~.

Amend the paragraph starting on page 8, line 29 as follows:

In a preferred embodiment of the invention, in the recombinant nucleotide sequence comprising a concatenation coding for maize γ -zein, the oligonucleotide of the invention is inserted in place of the concatenation coding for the Pro-X domain naturally present in the maize γ -zein amino acid sequence or following this concatenation. The Pro-X domain of the maize γ -zein amino acid sequence is constituted by the amino acids located between positions 70 and 91 of the amino acid sequence as defined in SEQ ID NO:7~~shown in Figure 9~~, corresponding to nucleotides 265 to 330 of the sequence as defined in SEQ ID NO:6~~shown in Figure 9~~.

Amend the paragraph starting on page 9, line 7 as follows:

Preferably, in the nucleotide sequence of the invention, the oligonucleotide in place of or following the Pro-X domain is present between nucleotides 276 and 357 of the sequence as defined in SEQ ID NO:6~~shown in Figure 9~~.

Amend the paragraph starting on page 12, line 3 as follows:

The P20 γ Z proteins shown in Figure 11 (SEQ ID NO:11) or H30 γ Z or H45 γ Z shown in

Figure 10 (SEQ ID NO:9) are preferred embodiments of the invention and represent lysine-enriched modified maize γ -zeins.

Amend the paragraph starting on page 16, line 20 as follows:

Figure 9 – Coding sequence of maize γ -zein cDNA (SEQ ID NO: 6) and the corresponding amino acid sequence (SEQ ID NO: 7).

Amend the paragraph starting on page 16, line 22 as follows:

Figure 10 – Coding sequence of cDNA of the of the H45 γ Z maize zein (SEQ ID NO:8) and the corresponding amino acid sequence (SEQ ID NO:9).

Amend the paragraph starting on page 16, line 26 as follows:

Figure 11 – Coding sequence of cDNA of the P20 γ Z maize (SEQ ID NO:10) and the corresponding amino acid sequence (SEQ ID NO:11).